AUSA CIO/G-6 PANEL

6:OCTOBER:08

LandWarNet – Transforming to an Enterprise for the Warfighter

LTG Jeff Sorenson
Chief Information Officer/G-6

AMERICA'S ARMY: THE STRENGTH OF THE NATION
ARMY STRONG

Agenda

- **Decade of Change & Army Imperatives**
- **Transforming to Global Enterprise**
  - Defining Enterprise
  - Challenge in CONUS
  - Concept of Operation
  - Transformation Results
  - Global NSC Construct
  - GNEC-NSC Relationship
- **Conclusions**
- **Great Speaking "Team"**

Decade of Change

America's Army

A campaign-quality expeditionary force able to operate effectively with Joint, Interagency, and multinational partners across the spectrum of conflict.

Institutional Focus

Operational Focus

Transformational Focus

GEN Casey

GEN Schoomaker

GEN Shinseki

Enterprise Transformation

Business Transformation

Warfighting Transformation

"We will not cement the transformational change of the Army until the institution reflects that change."

Chief of Staff, Army
19 June 2007

4 Army Imperatives

2008 CURRENT

- Demand Exceeding Supply
- Counterinsurgency-Focused Force
- Accelerated Equipment Wear-Out
- Soldier and Family Stress

Restoring Balance

IMPERATIVES

- **Sustain**
- **Prepare**
- **Reset**
- **Transform**

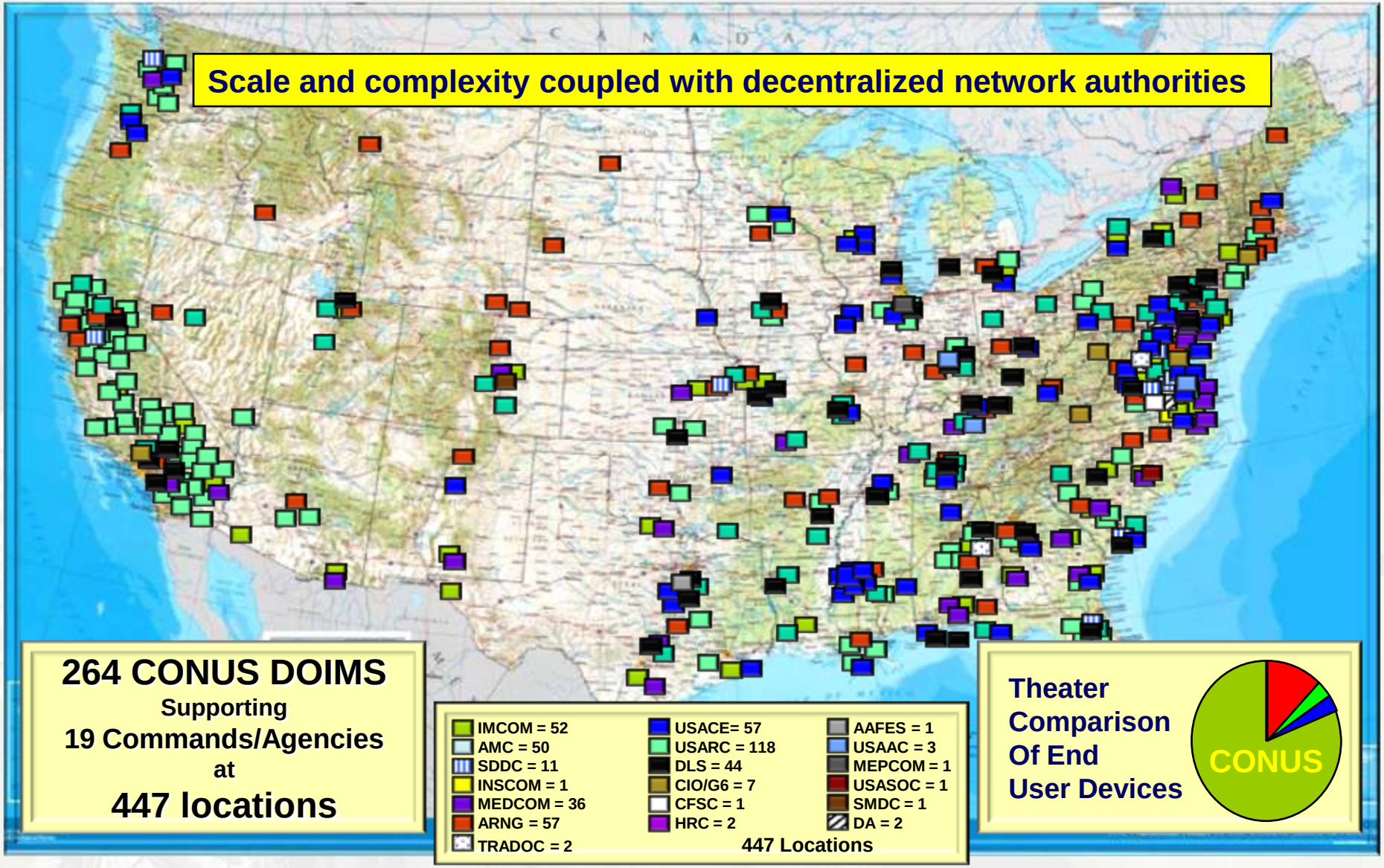
2011 *FUTURE*

- Steady-State Achieved via Army Force Generation Process
- Full Spectrum Readiness
- Reconditioning and Recapitalization of Equipment
- Better Facilities and Increased Dwell Time for Soldiers

Defining "Enterprise"

- An "***enterprise***" is a company, business, organization, or other endeavor and is defined by its organization, governance systems and culture
- An "***enterprise approach***" educates and empowers leaders to take an holistic view of organizational objectives and processes to act cohesively for the good of the organization to achieve required output with greater efficiency

The Challenge In CONUS



NSC Concept of Operation

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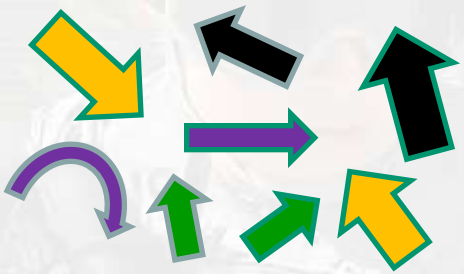
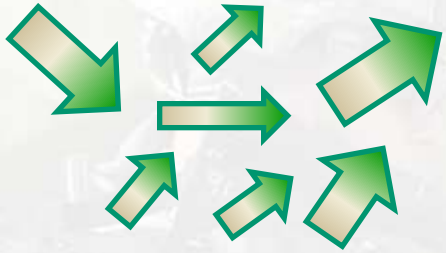


Organizational



Federated

Enterprise

LandWarNet Now

- Fragmented
- Not Standardized
- Unsecure
- Expensive

Operating Principles

- Aggregate
- Consolidate
- Standardize
- Modernize

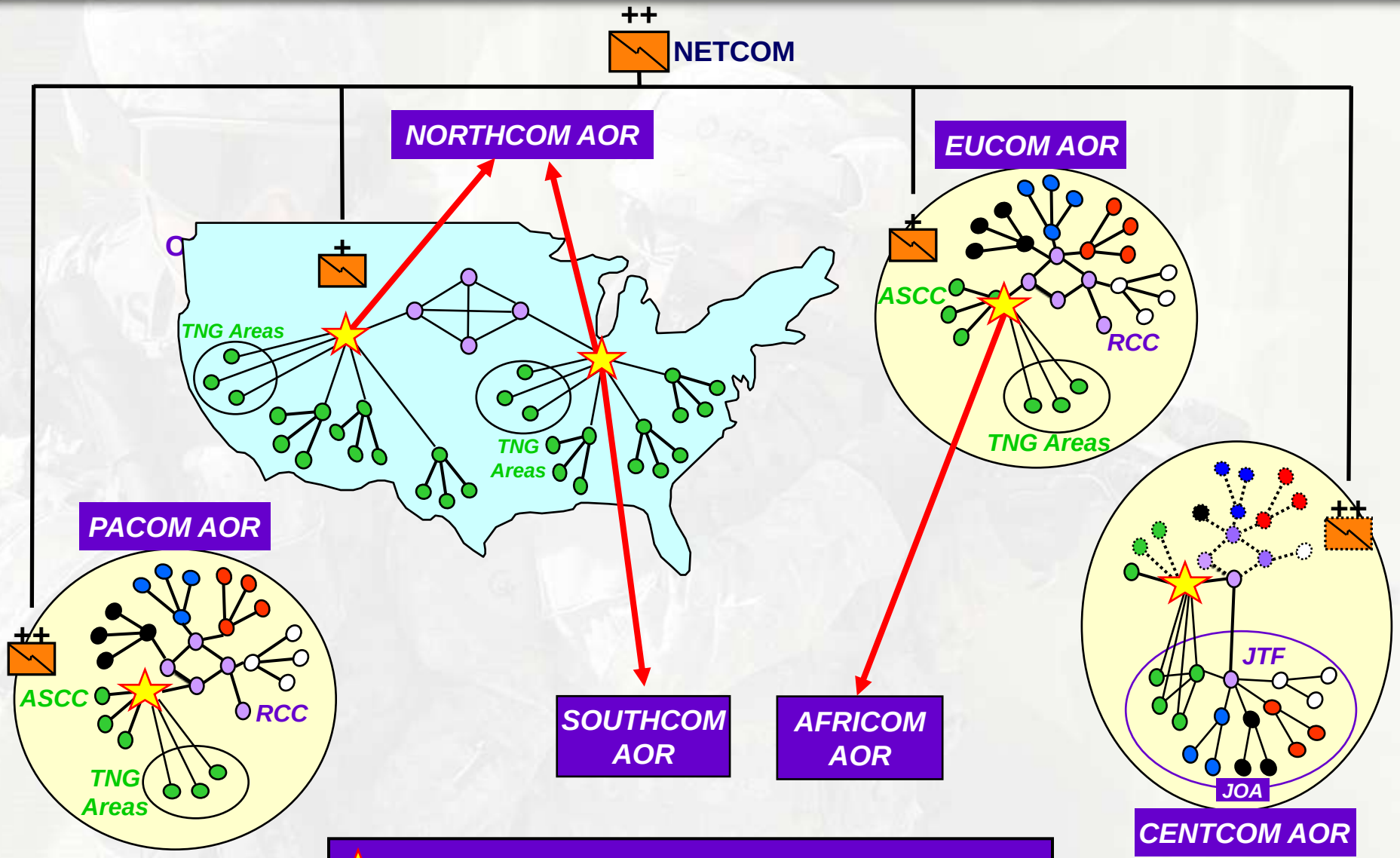
LandWarNet Future

- Global
- Standardized
- Protected
- Economical

Industry Enterprise Transformation Results

Infrastructure Layer	Example Components	Sample Cost Reduction Opportunities	Typical IT Cost Reduction
Network	• WAN Migration to IP-VPNs • Voice/Video/Data Convergence ✓ Carrier Renegotiation / RFP ✓ Use of Managed Services	• LAN / WAN • Voice / Video • Remote Internet	**10 – 20%**
Platforms	• Data Center Consolidation • Server / Storage Consolidation • Outsourcing/out-tasking	• Data Center • Legacy Systems • Intel / Unix servers • Storage	**20 – 35%**
Enterprise Enabling Infrastructure	• License / Maintenance Fees ✓ Eliminate Duplicate Services • Corporate Data Architecture	• Email Consolidations • Intranet / KM • Middleware / EAI • Database	**20 – 35%**
Application Enabling Infrastructure	• Contractor Rationalization • Outsourcing / Out-Testing • Reduced Outages / Downtime • Automation	• Components framework • Application Server • Dev. env't. and tools	**15 – 25%**
Security	• Component Reuse • Development / Training Costs • Development Infrastructure	• Risk Assessment • Security Architecture • Enterprise Security • Managed Services	**5 – 10%**
Operations Management	• Reduce Outages • Loss Prevention • Single Sign-on	• Performance Planning • High Availability • Service Level Mgmt	**15 – 30%**
		Total	**15 – 25%**

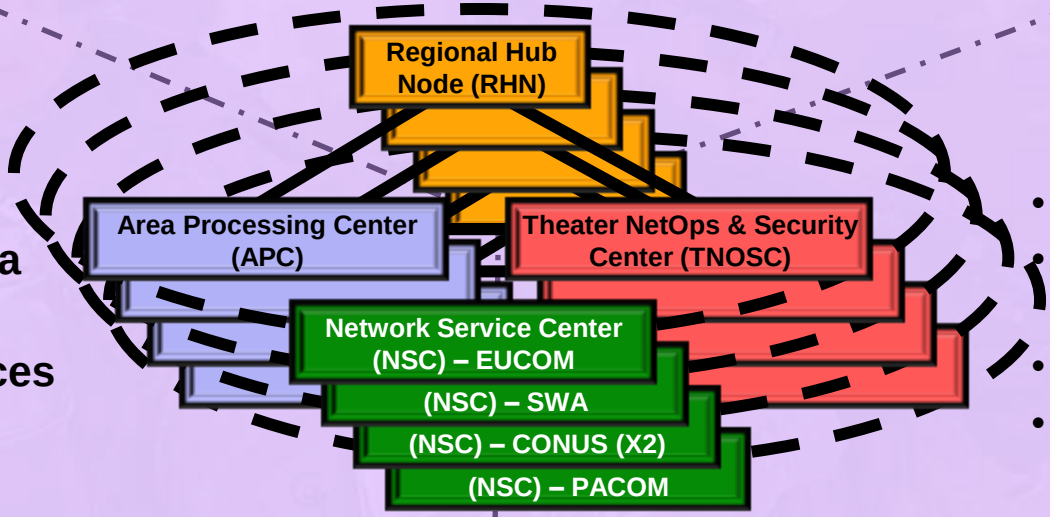
Global NSC Construct



GNEC – NSC Relationship

Connectivity

- GIG Integration
- Regional Networks
- Base Infrastructure
- SATCOM Connect/Management
- DISN Optimization
- Single DOIM



Services

- Data Strategy
- Authoritative Data
- Data Warehouse
- Virtualized Services
- Web Portals
- SOA
- Collaboration
- Integration of Joint Services
- Portfolio Management
- Green IT

NetOps

- Security Policy
- Service Level Agreements
- Global Identity Mgmt
- Single Logical Network/Federation
- Network Provisioning
- Network SA
- Content Delivery/ Caching
- Spectrum Mgmt

Other

- Global/Theater Commands
- Joint Basing Communications
- Enterprise Governance
- Network Training

Global Network Enterprise Construct (GNEC)

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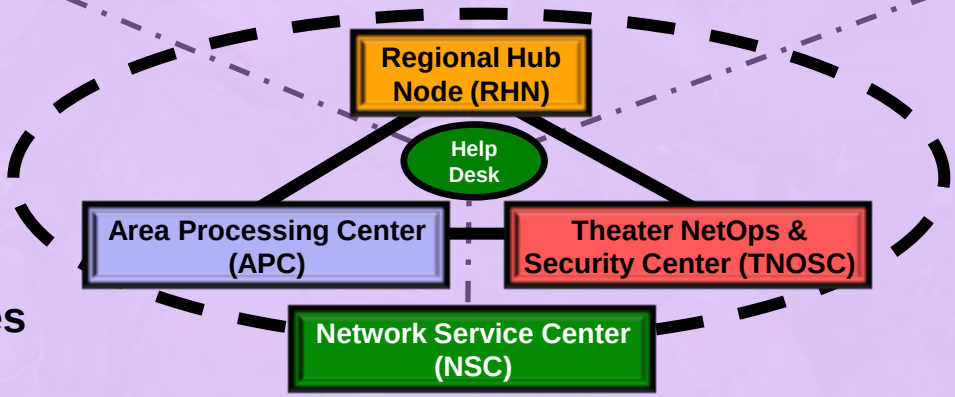

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Global Network Enterprise Construct (GNEC)

Conclusions!!!

- **Decade of Change & 4 Imperatives**
  …getting the Army back "in balance"

- **Army Enterprise Approach**
  …"Run the Army" same way we "Fight the Army"
- **Army Campaign Plan – Annex K**
  …Global Network Enterprise Construct within Joint Enterprise
- **Shared Situational Awareness**
  *…**Bottom Line** to Joint Warfighter*

Great Speaking "Team"

VADM Nancy Brown, USN

Director, Command, Control, Communications, and Computer Systems

The Joint Staff

BG Brian Donahue, USA

Director, LandWarNet Directorate

HQDA, G-3/5/7

Ms. Rebecca Harris, SES

Director, Global Information Grid Enterprise Services

Defense Information Systems Agency

BG Susan Lawrence, USA

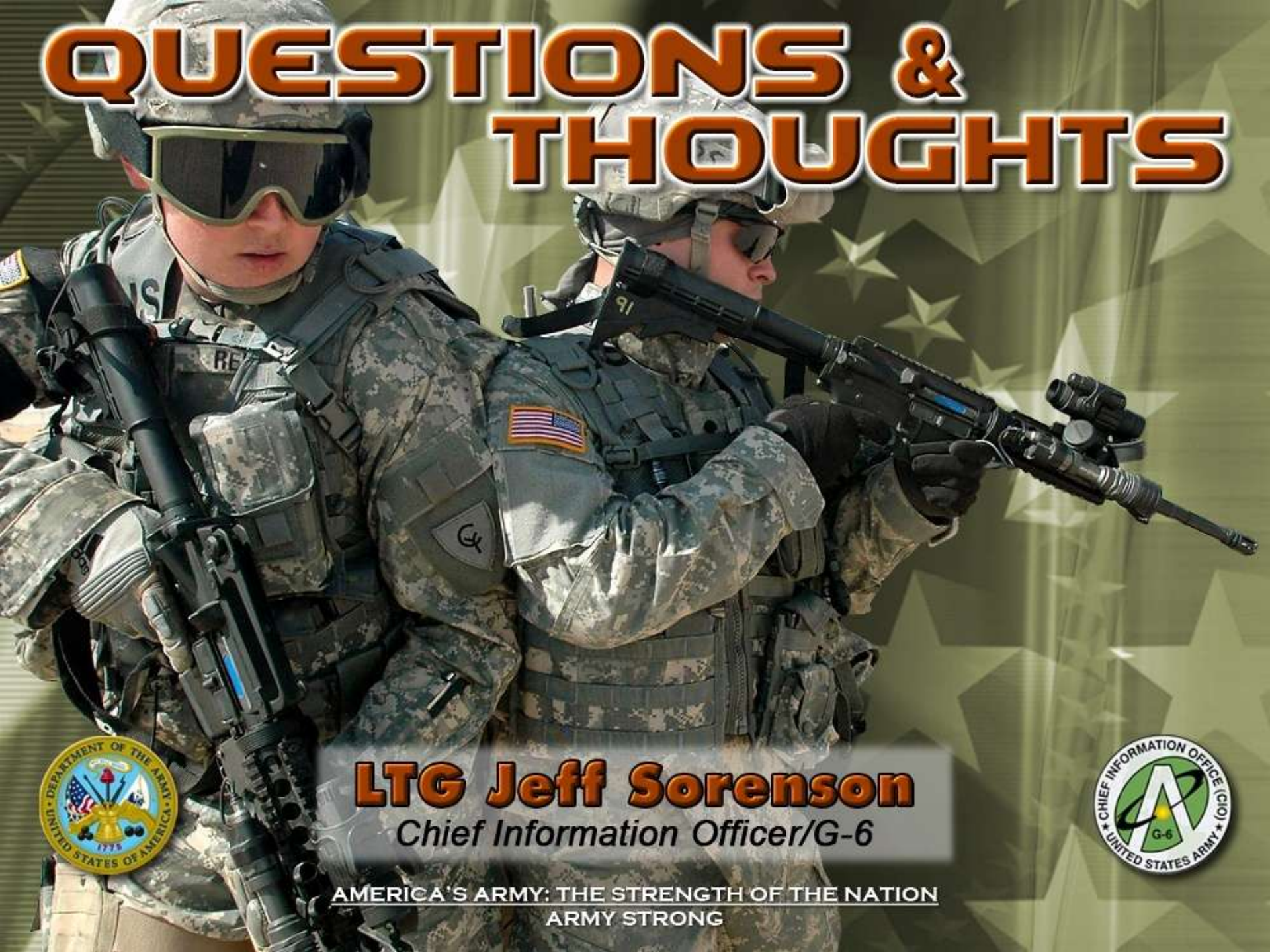
Commanding General, U.S. Army Network Enterprise Technology Command/9th Signal Command (Army)

BG Jeff Foley, USA

Commanding General, U.S. Army Signal Center & Fort Gordon

Army Strong!

QUESTIONS & THOUGHTS



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